Defense Casualty Analysis System (DCAS) Redesign

Presented for the DMDC Days
September 17-20, 2012

Overview

- Source of Data
- Redesign – The Past
- Redesign – Current
- Content
- Screen Shots
- Redesign – Next Steps
- Questions

Source of Data

- Defense Casualty Information Processing System (DCIPS).
- Data updated daily from each of the four Services.
  - Causalities of those serving on Active Duty; to include Guard/Reserve on Active Duty
- Data gathered on Deceased, Wounded, Ill or Injured for all Active Duty United States Military Personnel and Guard/Reservists on Active Duty.
- DCIPS provides daily extracts to Army-owned website for downloading into DCAS.
- Two files for each of 4 services (CWOT & [illegible])

Redesign – The Past

- Historical processing – Oracle Discoverer using pre-programmed SQL scripts and a GUI Interface.
- Issues:
  - Discoverer wasn’t supported by DMDC and was an older product.
  - Changes to the database required time and significant effort.
  - Myriad of tables and no clear understanding of the architecture of the database.

Redesign - Current

- Solution: Eliminate the Access Database and leverage software to make the database more efficient and less manual.

- Results:
  - Daily loading reduced from 4 hours to minutes.
  - Report generation in seconds instead of one work day.
  - Reports updated daily instead of weekly or monthly.
  - More accurate reporting of Casualty data!

Content

- Conflict Casualty statistics back to Revolutionary War.
- Demographic level data for the Global War on Terror.
- Downloadable by-name rosters for Global War on Terror Operations.
- Casualty summaries by Casualty Category and by Month.
- Overall Global War on Terror reports by Service, Component and State levels.

Home | Glossary | Frequently Asked Questions | Site Map

DEFENSE CASUALTY ANALYSIS SYSTEM

CONFLICT CASUALTIES | TIMELINE VIEW | SUMMARY DATA | ABOUT THE DATA

DEFENSE CASUALTY ANALYSIS SYSTEM (DCAS)

★ ★ ★

The central objective of DCAS is to collect and maintain U.S. casualty information on warfighters who have fallen in global or regional conflicts involving the United States. This site is maintained by the Defense Manpower Data Center (DMDC).

While this data is used to support and influence many practical objectives, DMDC understands the sensitivity of this information and extends its respect to families and friends across our Nation who have lost loved ones to the wars and conflicts described here.

Conflict Casualties | Timeline View | Summary Data | About the Data

DEFENSE CASUALTY ANALYSIS SYSTEM

Operation Enduring Freedom (OEF)
Casualties by Demographics
Casualty Summary by Casualty Category
Casualty Summary by Month
Names of Fallen
Names of Fallen by Date of Death
Operation New Dawn (OND)
Operation Iraqi Freedom (OIF)
Global War on Terror (GWOT)
Persian Gulf War
Vietnam War
Korean War
World War II
World War I

Operation Enduring Freedom (OEF)

In response to the September 2001 terrorist attacks on New Yorks World Trade Center and the Pentagon, President George W. Bush launched the Global War on Terror (GWOT).As it evolved, his objective was two-fold: to destroy al Qaeda, the Taliban, and other terrorist groups in Afghanistan and around the world, and to remove Saddam Hussein from power to forestall threats from his presumed possession of weapons of mass destruction (WMD).

Operation ENDURING FREEDOM began on October 7, 2001, when the United States launched military operations in Afghanistan, including airstrikes against Kabul and Kandahar.In sustaining military operations for over a decade, American troops continue to fight a widespread insurgency and establish a viable government.On May 1, 2011, US Navy SEALS killed al Qaeda leader Osama bin Laden in Pakistan.

DEFENSE CASUALTY ANALYSIS SYSTEM

Operation Enduring Freedom (OEF)
Casualties by Demographics
Deaths
Wounded in Action
Casualty Summary by Casualty Category
Casualty Summary by Month
Names of Fallen
Names of Fallen by Date of Death
Operation New Dawn (OND)
Operation Iraqi Freedom (OIF)
Global War on Terror (GWOT)
Persian Gulf War
Vietnam War
Korean War
World War II
World War I

U.S. Military Casualties - Operation Enduring Freedom (OEF) Military Deaths

Download Reports:

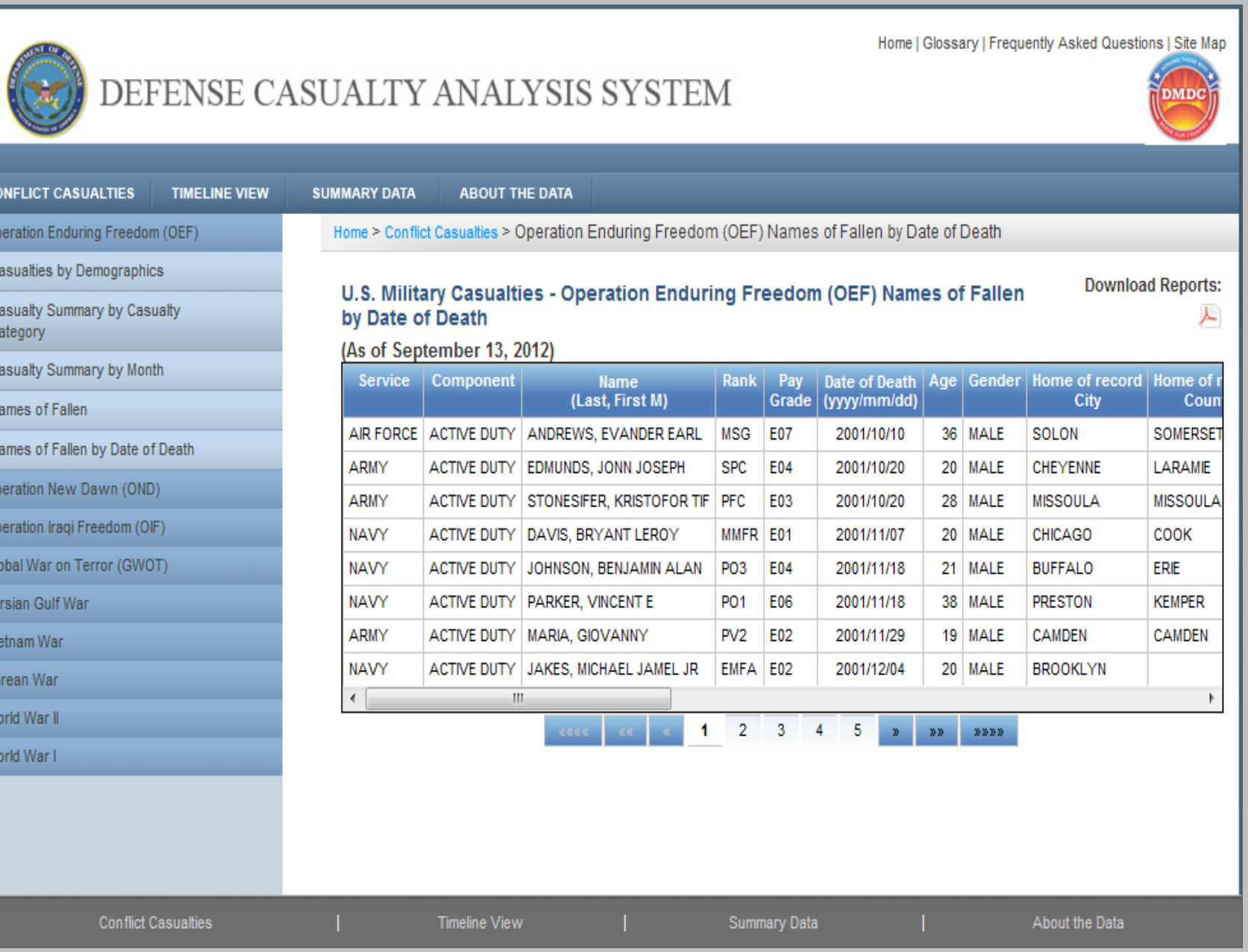
(As of September 13, 2012)

CASUALTY TYPE	Army	Navy	Marines	Air Force	Total
HOSTILE	1,173	79	360	52	1,664
PENDING	8	0	0	0	8
NON-HOSTILE	286	39	73	35	433
Total	1,467	118	433	87	2,105

GENDER	Army	Navy	Marines	Air Force	Total
FEMALE	27	4	1	7	39
MALE	1,440	114	432	80	2,066
Total	1,467	118	433	87	2,105

GRADE	Army	Navy	Marines	Air Force	Total
E1-E4	702	34	280	23	1,039
E5-E9	586	71	120	37	814
OFFICER	179	13	33	27	252
Total	1,467	118	433	87	2,105

AGE	Army	Navy	Marines	Air Force	Total
< 22	307	15	148	5	475
22-24	324	16	133	17	490
25-30	455	37	116	23	631
31-35	165	29	20	20	234
> 35	216	21	16	22	275
Total	1,467	118	433	87	2,105



DEFENSE CASUALTY ANALYSIS SYSTEM

Home | Glossary | Frequently Asked Questions | Site Map

CONFLICT CASUALTIES | TIMELINE VIEW | SUMMARY DATA | ABOUT THE DATA

- Operation Enduring Freedom (OEF)
  - Casualties by Demographics
  - Casualty Summary by Casualty Category
  - Casualty Summary by Month
  - Names of Fallen
  - Names of Fallen by Date of Death
- Operation New Dawn (OND)
- Operation Iraqi Freedom (OIF)
- Global War on Terror (GWOT)
- Persian Gulf War
- Vietnam War
- Korean War
- World War II
- World War I

Home > Conflict Casualties > Operation Enduring Freedom (OEF) Names of Fallen by Date of Death

U.S. Military Casualties - Operation Enduring Freedom (OEF) Names of Fallen by Date of Death

Download Reports:

(As of September 13, 2012)

Service	Component	Name (Last, First M)	Rank	Pay Grade	Date of Death (yyyy/mm/dd)	Age	Gender	Home of record City	Home of r Coun
AIR FORCE	ACTIVE DUTY	ANDREWS, EVANDER EARL	MSG	E07	2001/10/10	36	MALE	SOLON	SOMERSET
ARMY	ACTIVE DUTY	EDMUNDS, JONN JOSEPH	SPC	E04	2001/10/20	20	MALE	CHEYENNE	LARAMIE
ARMY	ACTIVE DUTY	STONESIFER, KRISTOFOR TIF	PFC	E03	2001/10/20	28	MALE	MISSOULA	MISSOULA
NAVY	ACTIVE DUTY	DAVIS, BRYANT LEROY	MMFR	E01	2001/11/07	20	MALE	CHICAGO	COOK
NAVY	ACTIVE DUTY	JOHNSON, BENJAMIN ALAN	PO3	E04	2001/11/18	21	MALE	BUFFALO	ERIE
NAVY	ACTIVE DUTY	PARKER, VINCENT E	PO1	E06	2001/11/18	38	MALE	PRESTON	KEMPER
ARMY	ACTIVE DUTY	MARIA, GIOVANNY	PV2	E02	2001/11/29	19	MALE	CAMDEN	CAMDEN
NAVY	ACTIVE DUTY	JAKES, MICHAEL JAMEL JR	EMFA	E02	2001/12/04	20	MALE	BROOKLYN	

« « « 1 2 3 4 5 » » »

Conflict Casualties | Timeline View | Summary Data | About the Data

Home | Glossary | Frequently Asked Questions | Site Map

DEFENSE CASUALTY ANALYSIS SYSTEM

CONFLICT CASUALTIES | TIMELINE VIEW | SUMMARY DATA | ABOUT THE DATA

- Operation Enduring Freedom (OEF)
- Operation New Dawn (OND)
- Operation Iraqi Freedom (OIF)
- Global War on Terror (GWOT)
  - Services
    - Total Casualties
    - Army
    - Navy
    - Marine Corps
    - Air Force
  - Components
  - Casualties by Service Component
  - Casualties by Casualty Type
- Persian Gulf War
- Vietnam War
- Korean War
- World War II
- World War I

Home > Conflict Casualties > GWOT Casualty Summary by State

U.S. Military Casualties - GWOT Casualty Summary by State

Download Reports:

(As of September 13, 2012)

	Operation Enduring Freedom			Operation Iraqi Freedom			Operation New Dawn		
	H	NH	H	H	NH	H	H	NH	H
STATE/TERRITORY	DEAD	DEAD	WIA	DEAD	DEAD	WIA	DEAD	DEAD	WIA
ALABAMA	24	6	265	53	20	539	0	0	13
ALASKA	3	3	53	14	3	99	0	0	0
AMERICAN SAMOA	1	0	10	8	1	45	0	1	0
ARIZONA	38	8	402	78	20	677	1	0	9
ARKANSAS	16	6	158	52	10	465	0	0	2
CALIFORNIA	181	43	1,491	382	88	3,072	5	3	23
COLORADO	25	6	289	54	9	478	1	2	3
CONNECTICUT	14	3	159	24	4	234	0	1	3

« « « 1 2 3 4 5 » » »

H=Hostile; NH=Non-Hostile; WIA=Wounded in Action Specified State listed is the Home of Record State

Conflict Casualties | Timeline View | Summary Data | About the Data

Redesign – Next Steps

- Make the by-name rosters downloadable into Excel.
- Produce and publish the more frequent tables to the website (preventing duplicative work).
- Update the Worldwide table to account for past Active Duty Deaths prior to 2005.
- Incorporate any comments/changes that are deemed essential by DCAS Helpdesk input.

Questions?